

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



JUNE 4, 1890.



Issued Every Week.

\$1.00 a year, in advance.
Single copy 5 cents.

Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.

WALWORTH & CO.,
BALTIMORE, MD.

Every Toilet Table

Should have a bottle of Ayer's Hair Vigor, the best preparation ever made for dressing the hair, restoring its color when faded or gray, preventing baldness, and keeping the scalp cool, healthy, and free from dandruff.

"I have used Ayer's Hair Vigor for some time and it has worked wonders for me. I was troubled with dandruff and was rapidly becoming bald; but since using the Vigor my head is perfectly clear of dandruff, the hair has ceased coming out, and I now have a good growth, of the same color as when I was a young woman. I can recommend any one suffering from dandruff or loss of hair to use Ayer's Hair Vigor."—Mrs. Lydia O. Moody, East Pittston, Me.

"Several months ago my hair commenced falling out, and in a few weeks my head was almost entirely bare. I tried many remedies but they did me no good. I was finally induced to buy a bottle of Ayer's Hair Vigor, and, after using only a part of the liquid, my head was covered with a heavy growth of hair. I recommend your preparation as the best hair restorer in the world. It can't be beat."—Thomas N. Munday, Sharon Grove, Ky.

Ayer's Hair Vigor,

Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists and Perfumers.

For the Cure

Of colds, coughs, and all derangements of the respiratory organs, no other medicine is so reliable as Ayer's Cherry Pectoral. It relieves sufferers from consumption, even in advanced stages of that disease, and has saved innumerable lives.

Ayer's Cherry Pectoral,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. Price \$1. Six bottles, \$5.

The Confidence

That people have in Ayer's Sarsaparilla as a blood medicine is the natural result of many years' experience. It has been handed down from parent to child, as a favorite family medicine, perfectly reliable in all scrofulous disorders.

Ayer's Sarsaparilla,

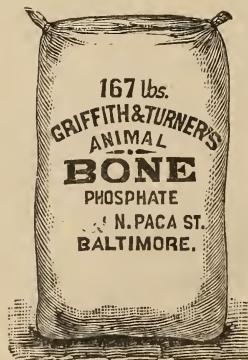
Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Price \$1; six bottles, \$5. Worth \$5 a bottle.

Many Rise

In the morning with headache and without appetite—symptoms of torpidity of the liver and a deranged condition of the stomach. To restore healthy action to these organs, nothing else is so efficacious as an occasional dose of

Ayer's Pills,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists and Dealers in Medicines.



Griffith, Turner & Co.

Manufacturers of

Agricultural Implements

AND

FERTILIZERS,

AND DEALERS IN

GARDEN AND FIELD SEEDS, ETC.

STORE: Nos. 205 & 207 N. PACA STREET.

Telephone, 1555-2.

Send for a Catalogue.



Agriculture, Horticulture, Fine Stock and Rural Community.

THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVII.

BALTIMORE, June 4, 1890.

No. 23.

A HELPING HAND.

On the lowest round of the ladder
I firmly planted my feet,
And looked up at the dim, vast distance
That made my future so sweet.

I climbed till my vision grew weary,
I climbed till my brain was on fire,
I planted each footstep with wisdom—
Yet I never seemed to get higher.

For this round was glazed with indifference
And that one was gilded with scorn,
And when I grasped firmly another
I found, under velvet, a thorn.

Till my brain grew weary of planning,
And my heart strength began to fail,
And the flush of the morning's excitement,
Ere evening, commenced to pale.

But just when my hands were unclasping
Their hold on the first gained round,
When my hopes, coming back from the future,
Were sinking again to the ground—

One who had climbed near to the summit
Reached backward a helping hand;
And, refresh'd, encourag'd and strengthened,
I took, once again, my stand.

And I wish—oh, I wish—that the climbers
Would never forget, as they go,
That, though weary may seem their climbing,
There is always some one below.

THREE WORDS OF STRENGTH.

There are three lessons I would write—
Three words, as with a burning pen,
In tracings of eternal light,
Upon the hearts of men.

Have Hope ! Though clouds environ round,
And gladness hides her face in scorn,
Put thou the shadow from thy brow—
No night but hath its morn.

Have Faith ! Where'er thy bark is driven—
The calm's disport, the tempest's mirth—
Know this: God rules the host of heaven,
The inhabitants of earth.

Have Love ! Not love alone for one :
But man, as man, thy brother call;
And scatter, like the circling sun,
Thy charities on all.

Thus grave these lessons on thy soul—
Hope, Faith, and Love—and thou shalt find
Strength when life's surges rudest roll,
Light when thou else wert blind.

POULTRY
and
POULTRY KEEPING,
by
H. R. WALWORTH,

Editor of The Maryland Farmer.

COPYRIGHT.

CHAPTER XII.

TO SET HENS.

It is easy enough to set hens is the popular thought: Just find where the hen has made her nest and then supply her with eggs. She will sit there if you let her alone, until her eggs are hatched.

Well, this is one way to do it, and in fact is the way most farmers have been accustomed to do for many years past. If you do not know of a better way, this will answer for you to set your hens. It is much better than not to have poultry; or having it, not to let them sit at all. But there is a better way—in fact a great many better ways. Let us consider some especial points.

It is best to have your coops prepared before hand, so that when you see the sign in the clucking and bristling of a hen you will be ready for her. This coop should be without a floor and it should be placed in some retired locality where the sitter will not be visited by other poultry. This is important, as most failures result from the constant interference of other hens with the one which you have set.

The reason for having the coop without

Our attention has been called to the fact that these articles have "copyright" attached to them. It is to secure them for publication in book form as soon as completed. We do not object to any of our exchanges copying them or any part of them who will give us the customary credit.—Ed.

a floor is to have the insensible moisture of the earth influencing the eggs. This is said to insure a better hatch. Personally I cannot vouch for this although my experience extends over a long period. Yet such being the general impression, since it does not consume time or money, it is well enough to conform to it.

Have the coop so arranged that it may be easily darkened—so that a bag, or some old garment, or a piece of carpeting may curtain the entrance to the nest.

Make the nest as directed under that head, in the form of a soup plate, sprinkle it well with sulphur; and put in it a few porcelain eggs. Have the curtain ready. Now when a hen is ready, when she has fully made up her mind to sit, remove her at night from her chosen nest, put her in the prepared coop and let down the curtain.

Let her remain on the nest with the curtain down all the next day and when the shadows of eve come raise it gently and give her liberty. She will probably stay on the nest all night and until the morning light is strong.

She may come off from her nest then and you must keep her in sight. If after awhile she returns to it, all right. If she does not return for an hour or more, put her on it, curtain it again and keep her there twenty four hours more. This generally fixes matters. This would hardly be necessary if the hen had not been moved; but the removal has a temporary bad effect.

Now she sticks. As soon as this is the case, take away the porcelain eggs, and supply those intended for incubation. If a good motherly hen she will help you arrange them beneath her feathers, and settle down snugly upon them. Then you may leave her with satisfaction on your countenance, for all is right.

In early spring give her the nine eggs.

Later give her eleven. In warm weather give her the thirteen. The eggs need a certain amount of warmth and the hen cannot give that amount to more than nine in cold weather; so it is best to bear this in mind.

The coop and nest should not be exposed any more than is necessary to storms and wet. If the coop is exposed, the nest and the sitter should be always carefully protected from heavy storms and showers.

It will be of use for you to know just on what day she began to sit, so that it will be well to write the day and the month plainly on the coop. This may be accompanied by the date when the chicks are due. These dates will save considerable time and calculation.

The sitting hens should be protected at night from dogs, cats, rats, weasels, etc., by placing a board in front of the coop, thus preventing their entrance. Of course this board will be taken away in the morning. If the coop is under cover and can be shut in safely, the board will not be needed. But we have not found that a house is as useful as a yard in which to set hens.

It is not well to keep the hen too closely confined to her nest. She should be obliged to leave it when she wants food and water, and if these are placed at some distance from the coop she will generally leave about once every day. When she leaves for the first few times the length of her stay-off may be regulated if it is thought best. At this time, also, the best possible dusting place should be within her reach. She needs it more during sitting than at any other time, to cleanse her thoroughly and that her brood may be kept clean when first hatched. The hen will be very anxious to make use of it.

If it is convenient, set two or more hens on the same day. The hatch is seldom a full one. The three weeks give room for

many accidents and often the number of chicks from each hatch is small. Then they may all be given to one hen and she will take good care of them.

When the hen is away from her nest for exercise and food examine the nest and the eggs. If you have a tester and know how to use it, do it. It is safest to have no infertile eggs in the nest. If you find everything right, do not disturb anything; it is best not even to touch anything. But if any egg has been broken, cleanse the nest thoroughly and wash the eggs in blood-warm water. If you have made a souplike nest, as directed, the eggs will not often be broken.

If the hen leaves her nest, give the eggs to another hen. Do this as soon as you are satisfied that they are abandoned. Even though cold let another hen have them, for they will bear considerable cold and still the life not be destroyed. You here see the necessity of constant attention and how neglect may cause great loss.

We now come to the most critical period. On the twentieth day place the food and water within reach of the sitting hen. She will not leave her nest. Her motherly instinct notifies her of the coming chicks. Frequently they begin to make their appearance.

Some hens will begin to be restless as they hear the chicks beneath them and will prepare to leave the nest after two or three are hatched. It is best then to remove the chicks, when the restlessness will immediately pass away.

If the eggs are not all hatched let the hen continue on her nest until the close of the 22d day. Then remove the eggs remaining and place them under another hen, and place all the chicks you wish the hen to brood beneath her. In the morning she will accept them all and straightway she will begin her motherly duties.

Now take away the hen and her brood

to a clean coop. Burn the old nest and shells. Purify the nest box by fire so that none of the vermin if there be any shall escape. Thus will close your duties to the sitting hen.

THE
AMERICAN FARMERS' ENCAMPMENT

MOUNT GRETNNA PARK,
LEBANON COUNTY, PA.

AUGUST 17 TO 23, 1890, Inclusive.

5,000 acres; romantic groves; mountain scenery; pure water springs; beautiful lake.

Ample railroad facilities; very low rates; quick transit.

Canvas tent accommodations for 12,000 farmers and their families; model Grange Hall; model Farmers' Alliance Hall; large pavillion for agricultural discussions; mammoth auditorium for entertainments; numberless attractions and am usements; 55,000 square feet of platforms for agricultural implement exhibits; acres for machinery in motion.

Good boarding at satisfactory prices; everything reasonable.

Agriculturalists invited from every part of America.

Grounds open Saturday, August 16th; opening sermon by Rev. T. DeWitt Talmage, D. D., Sabbath, August 17. Sacred music by 150 trained Choristers.

For particulars, address Executive Committee American Farmers' Encampment, Harrisburg, Penna.

For the Maryland Farmer.

COW PEAS.

The value of this crop when used as a fertilizer, cannot be over-estimated. It contains all the elements of the best commercial fertilizers and supplies them to the soil in the best proportions. It is especially useful in the renovation of poor or worn out soils. Its principal work is

to gather its great means of usefulness from the atmosphere and then transmit it to the soil for some succeeding crop. It demonstrates the fact that it can gather from some source a large amount of potash as well as nitrogen not existing in the soil upon which it stands.

Take a sandy field in which there is scarcely a trace of potash, nitrogen or phosphoric acid, and yet the cow pea will grow and accumulate a vast amount of these things, which, when turned under, add very largely to the fertility of the land.

Science has much to discover before it can answer the questions which naturally arise in reference to this subject. It concerns us, however, to know that it accomplishes the work of fertilization, even though no one can positively tell how it is done, or from where these elements come. We have not yet given to the sunlight, the atmosphere and the rain all the credit they deserve. But these developments will come in the future and we can wait for them; meanwhile making practical use of the facts and using the cow pea as a green crop for enriching the land.

Brown: "Business brisk?"

"Scissorsgrinder: "Yes, everything is dull."



This Threshing machine received the two last **Gold Medals** given by the New York State Agricultural Society; and has been selected, over all others, and illustrated and described in that great work, "Appleton's Cyclopaedia of Applied Mechanics;" thus, establishing it as the **standard** machine of America. **S'raw-preserving Rye-Threshers, Clover-hullers, Ensilage-cutters, Feed-mills, Fanning-mills, and Wood Saw-machines;** all of the **best** in market. The **Fearless Horse-powers** are the most **economical** and **best** Powers built for the running of Ensilage cutters, cotton gins, and general farm and plantation use. For free Catalogues, address

MINARD HARDER, Cobleskill, N. Y.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER
 AND
 NEW FARM.

Agriculture, Live Stock and Home Life.

**Oldest Agricultural Journal in Maryland and
 for ten years the only one.**

27 E. PRATT STREET,

BALTIMORE, MD.

WALWORTH & Co., Editors and Publishers.

TERMS OF SUBSCRIPTION

\$1.00 a year in advance.
 1.50 if not paid until the end of the year.

RATES OF ADVERTISING.

\$1.00 an inch, 12 lines nonpareil, each insertion.
 Discounts, 10 off for 3 mos., 15 for 6, 20 for 9, 25 for 12
 Advertisements to be inserted once monthly
 are subject to the same discount.
 Covers, p. 2 add 30, 3 add 25, 4 add 50.
 Special location, on any page, 20 per cent extra.
 No reading notices free.
 Reading notices twice the price of advertisements.

ISSUED EVERY WEEK.

THE EXTRAVAGANCES.

We can remember, in our younger days, when our best statesmen denied that government had any authority to undertake internal improvements, and prophesied, if ever that power was given to the general government, it would be a great injury to the people. It would involve such extravagant expenditures as would become an intolerant burden upon the masses, and bring them to the lowest stage of poverty. Are we not experiencing the beginnings of this?

We can remember well when our country was considered the land where less of want was experienced by the people than in any other land in this world. Now a

larger sum is annually paid out by our government in the support of beggars than in all the rest of the world put together. Our government appropriates with lavish hand its hundreds of millions, until it threatens to bankrupt the nation to support the hosts of beggars who swarm, like the locusts of Egypt, around the doors of the public treasury. To supply these greedy beggars the people are yearly suffering more and more the horrors of impending want.

We can remember when the equality of the citizens of our republic was recognized everywhere throughout our borders. None were very poor and none were very rich. The powers of our government have been manipulated now, until hosts are struggling in poverty, almost in despair, while the few are enabled to heap up untold volumes of wealth, with which to oppress more, and more recklessly, the great body of the people. The farmers especially are the victims of this ruinous legislative taxation to support in affluence special classes at their expense.

When will all this extravagance cease? We fear not until great trouble shall visit our country homes and heavy misfortunes arouse us to our neglected duties. We should begin now to work under every form of organization, to overthrow the extravagances which have been, and are now being riveted upon us by senseless and unscrupulous politicians. Work to have the beggars overthrown, the extravagant appropriations annulled, the exorbitant taxes abolished. This is the true work of every honorable citizen who would restore his country to prosperity and happiness.

And let us not forget that the farmers must lead in this great work.

If you use Sheet Music we will save you money. Write to us now.

MUSIC FOR OUR SUBSCRIBERS.

We have made special arrangements and will issue Cards to our Subscribers which will entitle them to purchase Sheet Music at much less than the wholesale rates given even to Music Teachers. You will receive catalogues of the most popular pieces and be kept posted on whatever is attracting attention in this line. If you use much music you will save many dollars in this way. Send for the Card and Prices. If you have a musical friend send for the card, for we shall not object to your supplying that friend—but send the name so that we may record it and send our catalogues. Each card will be numbered, and when you order your music send also the number of your card. Only subscribers or our subscribers' friends are entitled to the use of these card numbers and these wonderfully low prices. This music business will be under the direction of Mr. DeZ. Walworth, "M. F." Musical Manager, Box 486, Baltimore, Md.

HOW I GOT TO COLORADO.

Having read in several papers that they were giving away lots at Montrose, Colorado, I wrote and received the deed so promptly, that a large number of my friends at once sent, and after getting their deeds, they appointed me a delegate to visit Montrose; through the courtesy of the Colorado Homestead and Improvement Co. I got a free ticket there and back. I had a lovely trip, and while there sold my lot for \$127 50. Any person can get one lot *absolutely free*, by addressing the Colorado Homestead and Improvement Co., Montrose, Colorado. By giving every third lot, they will bring thousands of people there. Montrose, the county seat, is a railroad junction, and a beautiful city of nearly 3,000, and will have ten thousand within a year. Their motto is "Get There Boys," and certainly free lots and free tickets are sure winners. When property can be obtained *free*, why should not *everyone* own real estate.

S. S. N.—Elizabeth, N. J.

The small courtesies sweeten life: the greater ennoble it.

THANKS.

We give many of our Exchanges hearty thanks for the words of encouragement which they have bestowed upon our efforts to keep the Agricultural Fair Grounds free from Liquor sales and gambling. Especially is this the case in the generous remarks of the *Weekly Mail and Express*, of New York and the *Farm and Home*, of Springfield, Mass. We propose to continue to do our duty whenever occasion shall require it, now and in the future.

Reliable Men Wanted.

D. H. Patty, a prominent nursery man in Geneva, N. Y., has written us inquiring where he can get a few reliable men to solicit orders. He wishes men to canvass and take orders for trees, shrubs and vines for fall delivery and promises steady employment to good salesmen. If any of our readers desire a good position, we would advise them to write to Mr. Patty for particulars. Address with reference.

D. H. PATTY, Nurseryman, Geneva, N. Y.

HOME THOUGHTS.

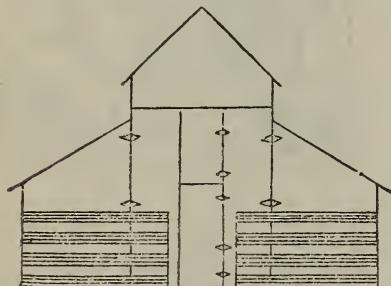
Never forget that whatever you do to make your family and your home comfortable and contented will add to your success. The farm work and everything connected with the garden and the immediate surroundings of the dwelling should be made to promote the happiness of your family.

Lighten every labor as much as possible, not only for yourself, but also for the wife and children. The boys on the farm should have their work gilded with a favorable outlook, for a bright future gives the true strength and energy to young manly hearts. The girls should see before them seasons of happy recreation and opportunities for improvement in whatever tends to womanly character. The mother should find the fruit of her life in an increase of leisure, contentment and peace.

HOG HOUSES.

Large and expensive hog houses are neither necessary nor always profitable, but suitable shelter from cold and wet in winter and some shade in summer is desirable. A house which is deemed to be a satisfactory one in its general usefulness and economy of space, is described and illustrated in Prairie Farmer. This house is 20 feet wide by 25 feet long, making room for eight pens 6 feet wide by 8 feet in length, or four pens 12 by 8, making a sleeping pen and a feeding pen adjoining. The sides are but 4 feet above the floor, the center posts 8 feet high, and placed 8 feet apart. Under the upper roof are small windows which admit light and air directly into the pens. The partitions are movable, like gates, and can be all taken out after the spring breeding season is over, giving a good, large feeding floor for little pigs. Each pen has a 6 foot panel for its front, which can be opened directly across the alley to guide one of the brood sows into the pen designed for it.

The yards outside extend beyond the ends of the building sixteen feet, so as to give all the room possible for exercise. The doors into these yards are situated at each end, and for the two middle pens are placed one on each side of the mid-



END VIEW OF HOG HOUSE.

dle. When fall comes the wide center can be converted into a corn crib, holding at least 500 bushels of corn, enough to fatten fifty pigs, the number of pigs the house is supposed to accommodate. One hundred dollars will put this house up in good shape, all shingled and painted. If the farmer does his own work and uses common boards for the sides and ends, it need not cost as much as this sum. But we want a building which is wind proof in March; so use

sneeting and drop siding for the outside and make the roof warm also. The large doors at each end remain closed most of the time. A small door on the north and double door on the south furnish access for feeding and care. This makes feeding quite easy.

Raising Turkeys.

Common hen turkeys crossed with a good healthy bronze gobbler will produce good strong turkeys. Each hen, if well cared for, will lay from thirty to forty eggs. Don't set a hen turkey on over sixteen eggs. When the young ones are hatched, don't give them any food for at least one day. Feed the hen whole corn and keep her on her nest. When you commence feeding the young ones, feed them very often—as often as every hour will be all the better. Make their rations scant and often. The feed at first should be coarse corn meal, to which add a mixture of milk and raw eggs. After two or three days feed vegetables, potatoes, onions and egg and milk cooked together and thicken with ground oats or shorts.

If you have sour milk make "dutch cheese" for them, putting in some pepper. Give them pure water, and a few drops of tincture of iron in the water will make them stronger. Never allow them to get wet or chilled. Keep them confined with the hen for at least a week, then allow them out only on dry, sunny days. When confined, arrange to have a run for them. Their nature inclines them to be more active than chicks, hence cannot be so closely confined. Always keep the male away from them as much as possible and especially while the hens are sitting, as he will most likely destroy the nest. — Ohio Farmer.

Sugar beets are attracting considerable attention in Colorado and Nebraska.

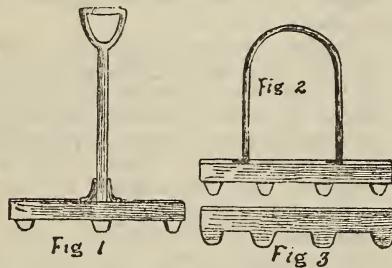
The production of olives is increasing in California, both for the manufacture of oil and for pickled olives.

A Boston florist says that he seldom fails to root slips of the most tender and rare kinds. He credits his success to a layer of oats placed under the usual layer of sand in which the slips are planted. When moistened it acts as a stimulant and feeder to the tender roots of the slips.

POTATO PLANTER.

In order to give seed tubers sufficient depth and to place them at perfectly uniform distances apart in the row, Country Gentleman has contrived a very simple implement, which, for farmers who plant by hand, is destined to give more even crops, larger returns and prove economical of labor. It is represented in the accompanying engraving (Fig. 1).

It consists of a bar of wood about thirty inches long, and made of a piece of pine scantling or other light wood, three inches square. It has a handle set in at right angles, consisting of the handle of a worn out spade. On the lower side are inserted short, thick wooden teeth, as far apart from each other as the intended plants in the rows—a foot or nine inches, or any other distances. When this tool is taken in hand by its handle, and the foot is placed heavily on it, its short,



A POTATO PLANTER.

stubby teeth are sunk into the soil in the bottom of the furrow, forming holes into which to drop each potato cut. The planter moves it onward, with the last tooth in the last hole, and so advances nearly as fast as he can walk. The man who drops can move on much faster than if he had to measure every distance with his eye before dropping every piece. The planting will be about two inches deeper than without it. This simple contrivance is not of course intended to supersede costly and finished potato planting machines used in large fields.

There may be modifications of its form. Instead of the spade handle, for instance, something like an ox bow may be used, as shown in Fig. 2. Instead of scantling, a strip of two inch or two and a half inch plank may be employed for the bar, and, by sawing in and splitting out portions, the short blunt teeth left, as shown in

Send us the Names and Post Office address of all your friends so we can send them sample copies.

Fig. 3. For this purpose some kind of wood should be selected which is not liable to split.

The Originator of County Fairs.

Mr. Elkanah Watson is credited with being the originator of the widespread and popular institution known as the county fair. He was born at Plymouth, Mass., Jan. 22, 1758.

In 1779 he was sent by the United States government to France in charge of dispatches from congress to our minister, Benjamin Franklin. He remained in Europe till 1784, during which period he traveled extensively in England, France and Holland.

In 1807 Mr. Watson purchased a farm of some 220 acres thirty-six miles from Albany, in the town of Pittsfield, Berkshire county, Mass., and there located. That fall he purchased the first pair of Merino sheep that had appeared in the county and perhaps in the state. He



ELKANAH WATSON.

subsequently introduced choice varieties of cattle and swine. So great was the curiosity of the farmers to see this new variety of sheep that he decided to exhibit them publicly on a given day, under the great elm tree on the public square at Pittsfield.

The exhibition was a great success. "If two animals are capable of exciting so much attention, what would be the effect on a large scale, with large animals?" thought Mr. Watson, and from that time forward for the next fifteen years his attention was devoted to the subject of agricultural fairs. In 1810 he induced some twenty or more farmers to join with him in a call for the first Berkshire county cattle show. The exhibi-

tion proved very successful. The interest awakened by this fair resulted in the formation of a county agricultural society, chartered by the state of Massachusetts in the winter of 1811, the first county agricultural society in America, of the modern type. Mr. Watson died in 1842 at the age of 85. We are indebted to Southern Cultivator for the excellent portrait here given, which is from a painting at the time of the first fair.

Cutting Seed Potatoes.

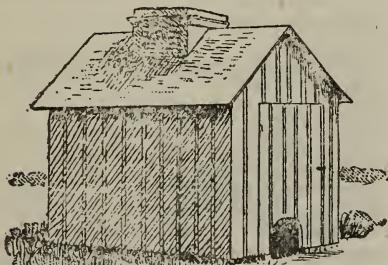
The question of relative profit as between the use of small cuttings and whole potatoes depends upon the cost of seed potatoes, the date at which the crop is to be harvested and sold and the condition of the soil at planting time. In ordinary practice it will usually be found that neither extreme as to quantity of seed used will be found to be profitable. The safest plan is to use large, well matured, healthy potatoes and cut to two and three eyes. A sufficient quantity of flesh to the eyes acts much the same as manure in the hill.

A foreign exchange writes of admirable results obtained by bagging specimen tomatoes, plums and pears. What next?

A CONVENIENT HOUSE FOR POULTRY.

A Poultry House Constructed with a View to Moving It About.

There is nothing easier than to move a poultry house occasionally in summer, if constructed with that object in view. Moving to a fresh spot of earth is the quickest way of keeping the building, and particularly the soil near it, free from taint.



A MOVEABLE POULTRY HOUSE.

In the cut is shown a movable poultry house suggested by Stoddard in his manual on poultry architecture, and which

Scholarship in Eaton & Burnett Business College at a low price—Address Maryland Farmer.

DEDERICK'S BALING PRESSES

Of all sizes and styles always on hand.

They are superior to all others in power, capacity and durability, for proof order on trial.

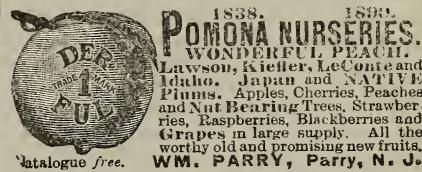
They are light, strong, cheap and durable. We make a full line of steel case presses.

Address for circulars and location of agents, P. K. DEDERICK & CO., 22 Dederick's Works, ALBANY, N. Y.

I Dare Thee to Forget.

The most popular Song published.

Words and Music. Price 35 cents. Send 10c for one copy. DeZ. Walworth, Box 496, Baltimore, Md.



Imported Cleve'and Bay Stallion.

POST CAPTAIN.

PEDIGREE.

Sire, Sportsman 299; g. sire, Brilliant 42; g. g. sire, Yatton Lad 314; g. g. g. sire, Wonderful Lad 69; g. g. g. sire, Cleveland 60; g. g. g. g. sire, Champion 50; g. g. g. g. g. g. sire, Summercock 304; g. g. g. g. g. g. g. sire, Sky Rocket 280. Dam's sire, Barnaby 18; g. sire, King George 161; g. g. sire, Victory 157; g. g. g. sire. Volunteer 338; g. g. g. g. sire, Victory 438; g. g. g. g. g. sire, Barley Harvest 447. (The above pedigree is from the Cleveland Bay Stud Book of England.)

DESCRIPTION.

Post Captain is a beautiful golden bay in color, 16½ hands high, weighs 1350 lbs and is just 5 years old. He is a high stepper, with beautiful action, and promises great speed shows already without training less than a 4 minute gait. The progress of this famous breed are all bays in color, well matched, and is the gentleman's carriage horse in England—No trouble to get matches which command high prices. He has only to be seen to be admired—His symmetry is magnificent, and is a sure foal getter. Terms \$25.00 the season, with the privilege to return mares during fall season should they not prove in foal. Mares from a distance to be paid for when taken away—will care for mares at a cost of \$2.00 a week, shipment of course at expense of owners of mares, write to

E. C. LECC & BRO.,
Kent Island, Md.

may be used to advantage in many cases. By frequently shifting it during the warm season to a new place the birds can always be supplied with fresh grass and untainted soil, the best preventives to disease known. By thrusting poles, indicated by the dotted lines in the cut, through strong wrought iron staples bolted to the corners of the building four adults can move it with ease a few feet every few days.

It may be placed on a sled and drawn by a team any distance, and, by the use of movable fences, an entirely new site may be occupied by the poultry yard at will. The dimensions of the house illustrated are: Six feet from the ground to the eaves, and 9 feet to the peak; width upon the ground, 6 feet; length, 8 feet. A small door 14 inches high, within the larger, serves as an exit for the fowls. The front of the building, not shown in the cut, is glazed. The arrangement of nests, perches and other fixtures within, may be made to suit the preferences of the owner.

Artificial Fertilizers on Wheat and Corn.

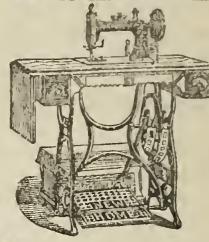
From a bulletin issued from the Ohio experiment station it is learned that Ohio farmers do not generally cultivate wheat continuously on the same soil, but alternate wheat with other crops. Those who use commercial fertilizers on wheat believe them of special service to the grass crop following, clover being considered a "grass" in farm practice. On the station grounds, however, upon small plots, cultivated in wheat for six years, the result has been that, as a rule, no more wheat has been harvested from the plots treated with commercial fertilizers than from those receiving none, whereas the manures of the farm have produced a marked increase of crop when judiciously used. So far as can be learned from these experiments, the conclusion is that in the majority of cases neither wheat nor corn will return sufficient increase of crop to cover the cost of any artificial fertilizer at the present ruling prices.

The state entomologist announces the appearance in New Jersey and Pennsylvania of the cowhorn or buffalo fly. The worst effect apprehended is a decrease of the milk supply by worrying the cows. He advises the bathing of the animals' hides in oil as a preventive.

Practical Carp Culture, 65cts. Send to Maryland Farmer.

THE LIGHT RUNNING
NEW HOME
SEWING MACHINE

HAS
NO
EQUAL.

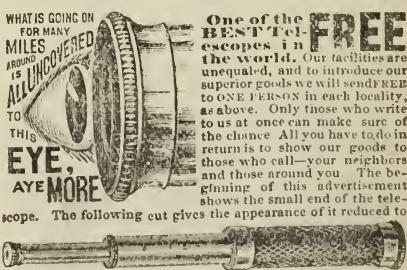


THE
LADIES'
FAVORITE.

THE ONLY SEWING MACHINE
THAT GIVES
PERFECT SATISFACTION

NEW HOME SEWING MACHINE G. ORANGE, MASS.
 CHICAGO - 28 UNION SQUARE, N.Y. DALLAS,
 ILL. ATLANTA, GA. TEX.
 ST. LOUIS, MO. SANFRANCISCO, CAL.
 FOR SALE BY

C. F. FISKE,
 3 W. Lexington St., Baltimore, Md.



WHAT IS GOING ON
FOR MANY
MILES
AROUND
IS
ALL UNCOVERED
TO
THIS
EYE.
AYE MORE

One of the
BEST Te-
scopes in
the world. Our facilities are
 unequalled, and to introduce our
 superior goods we will send **FREE**
 to ONE dealer in each locality,
 and those who write
 to us at once can make sure of
 the chance. All you have to do in
 return is to show our goods to
 those who call—your neighbors
 and those around you. The be-
 ginning of this advertisement
 shows the small end of the tele-
 scope. The following cut gives the appearance of it reduced to

about the fiftieth part of its bulk. It is a grand, double size tele-
 scope, as large as is easy to carry. We will also show you how you
 can make from **\$3** to **\$10** a day at first, from the start, with-
 out experience. Better write at once. We pay all express charges.
 Address, H. HALLETT & CO., Box **820**, PORTLAND, MAINE.

Double Walled Bee Hives.

A correspondent in American Bee Journal has the following to say on the subject of bee hives: "I have read with interest the discussion for and against double walled hives and cannot help giving my experience, for I have used nothing else for the last five years, and have not lost a colony. I make mine out of half inch lumber, planed on both sides, with seven-eighths inch dead air space and loose bottom boards seven-eighths of an inch thick. In winter I simply fill the cover with chaff, first putting canvas on top of the brood frames. These hives are no heavier than hives made of seven-eighths inch lumber and are much cooler in summer. They are the easiest for tiering up for comb honey, for the tiers can be run to any height, or can be used for extracting, as I do, by putting on extra brood chambers on top in place of the sections.

Soft Soap for Fruit Trees.

There is no better preventive against bores and insects that infest the trunks and limbs of fruit trees than soft soap, if applied in May and June each year. Notwithstanding the very general substitution of the factory hard soap for the domestic article formerly so commonly made in families, soft soap from the leached wood ashes is still made to a very considerable extent in districts where wood is yet the common fuel, so that it can easily be obtained at small cost by any orchardist who may need it. It should be diluted just enough to allow its being readily applied with a broom or a mop. Besides being obnoxious to insects of all kinds, it serves to keep the bark clean and in a healthy condition. Its uses need not be confined to the orchard, but it may be applied with great advantage to trees and shrubs of all varieties infested with insects.

Here and There.

The first fair on the new state fair grounds, at Syracuse, N. Y., is announced to be held next September.

An Alabama correspondent claims that the farmers of his state are learning that it pays to raise sorghum for sirup, and that early orange cane is the preferred variety.

Professor Fernow figures that the annual revenue from the forests of the United States is over \$1,900,000,000.

We send any Book you may want free by mail on receipt of publisher's price.

NEW MUSIC.

VOCAL.

Little Annie Rooney	.35
You'll kiss me at the door	.35
Down on de Camp Ground	.35
Bally Hooly, Character Song	.40
Take good care of mother	.30
Sweet little Stannie Snow	.40
My little red umbrella, Song & Dance	.40

INSTRUMENTAL.

World's Fair Grand March	.60
Grand Razzle Dazzle Quickstep	.35
Rakocsy March	.30
Chick Polka	.35
Just a little Sunshine Waltzes	.35
Palermo Quadrilles, 4 Hands	1.00
Valse Chromatique	.60
Little Annie Rooney Waltz	.40
Virginia Rockaway, A Merry Dance	.40
Bid Me Good By waltz (easy)	.25
York Dance, 4 hands.	.50
Happy Hearts, polka quadrille	.60
Santiago, Valse Espagnole	.60

Any piece postage free for 10 cents. Send for our catalogue of over 1700 pieces at the same price.

La Gitana Waltzes.

Price 60 cents.

A beautiful set of waltzes (10 pages) that only need to be played once to become a favorite. We will send one copy and our catalogue to you free for 10 cts.

DEZ. WALWORTH,
P. O. Box 496. Baltimore, Md.



OUR NEW \$85 Solid Gold Watch. Worth \$190.00. Best \$85 watch in the world. Perfect timekeeper. Warranted heavy, SOLID GOLD hunting cases. Both ladies' and gent's sizes, with bracelets and cases of equal value. ONE PERSON in each locality can secure the free, together with our large and valuable line of Household Samples. These samples, as well as the watch, are free. All the work you need do is to show what we send you to those who call—your friends and neighbors and those about you—that always results in valuable trade for us, which holds for years when once started, and thus we are repaid. We pay all express, freight, etc. After you know us, if you would like to go to work for us, you can earn from \$30 to \$60 per week and upwards. Address, Stinson & Co., Box 812, Portland, Maine.

Fairs Announced for September.

Nebraska State Fair—Lincoln, Sept. 5-12.
 Vermont—White River Junction, Sept. 3-13.
 Michigan—Lansing, Sept. 9-12.
 Ohio—Columbus, Sept. 15-19.
 South Dakota—Aberdeen, Sept. 15-19.
 Wisconsin—Milwaukee, Sept. 15-20.
 Connecticut—Meriden, Sept. 16-19.
 Massachusetts Horticultural—Boston, Sept. 17-18.
 New Jersey—Waverly, Sept. 22-26.
 Rhode Island—Providence, Sept. 22-26.
 Indiana—Indianapolis, Sept. 23-27.
 Delaware—Dover, Sept. 29-Oct. 4.
 Illinois—Peoria, Sept. 29-Oct 3.

A HAY AND GRAIN RACK.

Recommended as Being More Convenient Than the Usual Form.

A correspondent of Ohio Farmer, who thinks that a marked defect in hay and grain racks is that of being too wide in front, gives his own plan for a style of rack that he thinks will prove satisfactory.

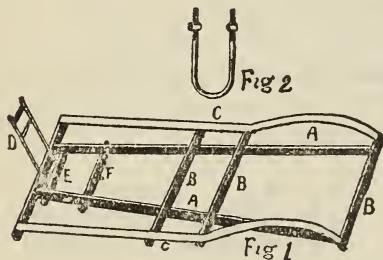
**HAY AND GRAIN RACK.**

Fig. 1 represents this rack. The side boards of frame, A A, are $2\frac{1}{2} \times 6$ inches, 15 feet long. Good yellow pine, if it is clear of knots, is good for these, and will make the rack light; but if you cannot get first class pine, better use oak. The cross pieces, B, are oak, 3×3 inches; boards, C C, are $\frac{1}{2} \times 8$ inches, and should be used as soon as sawed in order to bend easily. The upright ladder, D, is secured at the bottom in a roller, E, and the roller should be placed back of front piece, B, far enough for ladder to lean slightly forward at top when raised up. This ladder is very useful in tying lines up when loading and also in "booming" on a load of hay or grain, and can be easily folded back on rack when the rack is stored away.

It will be seen by the engraving that the rack is narrower in front. It is

We advise any wanting a Horse power, thresher, ensilage or fodder cutter to write Minard Harder, Cobleskill, N.Y.

STOCK THE FARM.

Address any of this list of Breeders and Dealers and you will find a prompt answer if you mention the Maryland Farmer. We believe every one of them to be reliable.

—Editor Md. Farmer.

Reid Brothers, English Shires, Clydesdales, Shetland Ponies, Janesville, Wis.

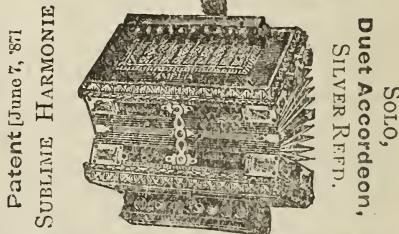
Geo. F. Davis & Co., Originators Victoria Swine, Stock for sale. Dyer, Ind.

E. H. Smith, Standard bred Horses, Fancy Pigs and Poultry. Salem, N. J.

J. C. & D. Pennington, Registered Jersey Cattle. Paterson, N. J.

W. E. Pendleton, Agt. Choice Yorkshire Swine. New London, Conn.

JOHN F. STRATTON & SON,
43 & 45 Walker St., NEW YORK.



Importers of and Wholesale Dealers in all kinds of
MUSICAL MERCHANDISE,
VIOLINS, GUITARS, BANJOS, MANDOLINES,
Accordeons, Harmonicas, &c.
 All kinds of STRINGS, etc., etc.

Emmart & Quartley,

HOUSE AND CHURCH

Decorators and Painters

Fresco designs and estimates.

No. 206 PARK AVENUE, BALTIMORE, MD.

Home made Farm Implements. full directions. It is sure to save you many dollars. It is finely illustrated—sent free for 3 cents.

Address Maryland Farmer, Baltimore, Md.

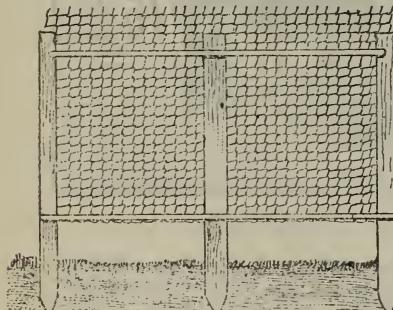
made this way to be convenient in turning the wagon. In making a rack it requires a bolster, F, made especially for the purpose and bolted firmly to the rack by a double bolt, as shown in Fig. 2. Also the cross pieces are fastened with the same kind of fastening. This main frame or bed is 2 feet wide at front end and 3½ feet where it rests on rear bolster of wagon. It can be made any desired width in front, but 2 feet is narrow enough for convenience.

WIRE FENCES.

At this season it often is an important matter to keep young chickens within certain boundaries. Fences that are cheaply constructed and which may be readily changed from one spot to another are, therefore, of special value to the keepers of poultry.

A very cheap fence can be made with wire netting 4 feet high and fastened in position as follows: Buy 2 by 3 inch scantling, 10 feet long, and cut into two pieces, or get stakes of any kind and sharpen the ends; then start a hole by striking down into the ground with a crowbar and working it back and forth to widen the hole, when the stakes should be driven in a foot or more and be set 6 feet apart.

At the bottom nail on 1x2 inch strips, strips, 12 feet long, and similar strips a little more than 3 feet higher up, when you will be ready to tack on the wire, which is done with small staples made



A LENGTH OF CHEAP WIRE FENCE.
for the purpose. This will leave a little more than 6 inches of the wire netting (which will support itself) above the upper horizontal piece and the tops of the stakes, so that if a hen flies for the

GARDEN AND ORCHARD.

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

Thos. Meehan & Son, Oaks, Rare Ornaments, Germantown, Pa.

D. H. Patty, Nurseries, Geneva, N. Y.
Agents Wanted.

A. W. Livingston's Sons, Specialty, New Tomatoes, Columbus, O.

West Jersey Nursery Co. Choicest New & Standard Fruits. Bridgeton, N. J.

H. S. Anderson, Importer; visits Europe annually to inspect packing &c. Union Sp'gs, N. Y.

Wm. Parry, Nursery Stock; Small Fruits, Grapes, etc. Parry, N. J.

Z. DeForest Ely & Co. The Popular Seedsmen. Philadelphia, Pa.

P. J. Berckmans, Trees, plants, etc., adapted to the South. Augusta, Ga.

W. M. Peter's Sons, Peach Trees a Specialty. Wesley, Md.

E. B. Richardson & Co. Nurserymen. Salesmen wanted. Geneva, N. Y.

Seed Potatoes, Standard old, choice new varieties. A. F. Whitright, Nova, O.

LIGHTNING RODS

Of all Kinds

ERECTED & REPAIRED.
Fixtures, Ornaments, &c., &c., For Sale.

DAVID M. SADLER & Co.,
118 St. Paul St.

\$75.00 to \$250.00 A MONTH can be made working for us. Persons preferred who can furnish a horse and give their whole time to the business. Spare moments may be profitably employed also. A few vacancies in towns and cities. B. F. JOHNSON & CO., 1009 Main St., Richmond, Va.

COMMERCIAL COLLEGE OF KENTUCKY UNIVERSITY,

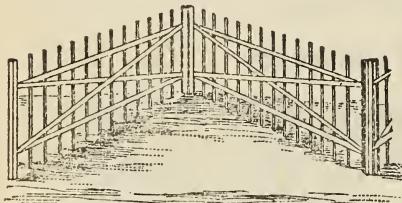
LEXINGTON, KY.

 Highest Award at World's Exposition.
Book-keeping, Business, Short-hand, Type-Writing and Telegraphy taught. 1000 Students. 13 teachers. 10,000 Graduates in Business. *Begin Now*
Address **WILBUR R. SMITH**, Pres't, Lexington, Ky.

MUSIC TEACHERS, send your name and Post Office address to Dec. Walworth, P. O. Box 496, Baltimore, Md.

upper lath she will strike the wire and be thrown back. It will, however, be found that the bird's attempts to get out will all be made lower down and through the wire which seems to present no obstruction until they try it. To move a fence of this kind, of course, the wire must be taken off and the stakes pulled up and reset, which can all be done in a very little time. While the fence seems a frail one, it will, nevertheless, stand a very hard storm, as it offers very little resistance to the wind.

An illustration and directions for making a movable fence that can be still more readily changed from one place to another is given by Stoddard in his little book on "Poultry Architecture." This fence, as shown in the second cut, is made in sections, and can be quickly set up, and can be packed closely and laid away when not in use. The lengths are 12 feet long and the fence 5 feet high; the pickets are laths, sawed a foot longer and a quarter of an inch wider than usual; but common four-foot laths are often used, and except for high flyers, like Leg-horns, are good enough.

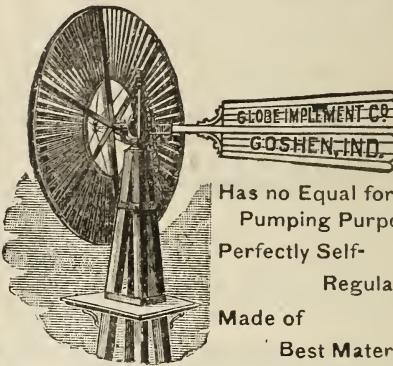


SECTIONAL FENCE FOR MOVING.

The object in using lath is to secure lightness, and for the same reason the posts are 5x1 1-2 inches and the rails and braces are 1x2 inches. In constructing it the horizontal rails should be nailed to the posts outside, and the pickets fastened on outside the rails, when the diagonal braces should be nailed on outside the pickets. The fence is to be set up zigzag to secure a wide base and prevent falling over, and the ends of the lengths are to be fastened together with coarse twine or wire. In locations where strong winds may be expected a few props or stakes driven down in the corners may be needed. In locating fences for confining fowls reference must be had to the henry and their usual roosting places when practicable, otherwise a temporary roost with a rough shed roof will be necessary.

Farmer will reach a very desirable class of patrons. Write now.

The GLOBE WIND MILL.



Has no Equal for
Pumping Purposes.
Perfectly Self-
Regulating
Made of
Best Materials.

Towers, Tanks, Pumps
and Wind Mill Supplies
OF EVERY DESCRIPTION.

MANUFACTURED BY
GLOBE IMPLEMENT CO.,
Write for Catalog and Prices **Goshen, Ind.**



Plantation Engines

With Self-Contained
RETURN FLUE BOILERS,
FOR DRIVING
COTTON GINS and MILLS.
Illustrated Pamphlet Free. Address
JAMES LEFFEL & CO.,
SPRINGFIELD, OHIO,
or 110 Liberty St., New York.



The Garrett Picket & Wire Fence Machine
Weaves to the posts. Best
in the world. Thousands
in use. Guaranteed. Freight
paid. Agents are report-
ing big sales. Machines,
Wire, etc., at wholesale
direct to Farmers where
I have no agent. Catalogue
free. Address the
manufacturer,
S. H. GARRETT, MANSFIELD, OHIO.

INTERESTING TO FARMERS.

TO CLEAR YOUR LAND OF
STUMPS AND BOULDERS.

—):- USE -(—

❖ JUDSON POWDER ❖

Cheaper than the Stump Puller.

Can Be transported and handled with perfect safety. Send for pamphlet and price list to

ATLANTIC DYNAMITE CO.

Orders left with LEWIS D. THOMAS will receive prompt attention.

112 LIGHT STREET, BALTIMORE, MD.

ESTABLISHED

1828.

OLDEST

DENTAL ESTABLISHMENT IN MARYLAND.

DRS. S. H. & E. A. GILL,

N. W. Cor. Lombard and Hanover Sts., Baltimore.

ELEGANT SETS OF TEETH FROM \$5.00 UP.

Gold and Silver Fillings \$1.00 and Up.

PRESERVE YOUR TEETH BY USING DR. GILLS' DENTIFRICE,
Beautify, Cleanse and Preserve.

A. YOUNG & SON,

—DEALERS IN—

Paints, Oils, Glass, Varnishes, Brushes,

ARTIST'S SUPPLIES; &c.

—AGENTS FOR—

HARRISON'S CELEBRATED

Town and Country and New York Gloss,

READY MIXED PAINTS.

The Two Best Brands in the Market.

7 W. PRATT ST., (Near Charles St.) Baltimore Md.



1832.

1890.

♪ SCALES. ♪

HAY, CATTLE, PLATFORM and COUNTER SCALES.

A reputation of more than fifty years, the guarantee of our work; and prices as low if not lower than a similar article can be purchased elsewhere. Call before purchasing.

MARDEN SCALE WORKS,
Cor. S. CHARLES & BALDERSO^N STREETS, Baltimore, Md

Established over 20 Years.

J. F. PULLEN & Co.

Real Estate Brokers and Agents,

12 East Fayette, near Charles Street.

— Old No. 75 West. —

Property of all kinds Bought and Sold. Loans Negotiated at Lowest Rates.
Rent Collections made with Prompt Returns. Estates Settled &c..

CAULIFLOWERS.

HOW TO GROW THEM.

IMMENSE PROFITS.

DIRECTIONS FULL IN EVERY PARTICULAR.

Seed to be sown before June 25th.

The great harvest in October and November.

Free by mail, 25 cts.

SEND FOR IT AT ONCE.

MARYLAND FARMER.

BALTIMORE, MD

BETTER THAN EVER.

Address the Maryland Farmer, Baltimore, Md., and you can make the most favorable arrangements for any of the following articles. We will give them as premiums for subscribers, or will give liberal time and terms for cash.

One Estey Organ List price \$200 New

One Paris Organ " " 150 "

One Alleger Organ " " 250 "

A variety of Musical Instruments such as:

Violins,

Guitars,

Banjos,

Mandolines,

Strings,

Music Boxes,

Flutes,

Roller Organs,

Accordeons,

Brass Band Instruments, etc., etc., etc.

One New National Sewing Machine, List price \$45. New Home Co.

One American " " " " \$45. " "

A full SCHOLARSHIP of \$60 in the Eaton & Burnett Business College.

Jewelry,

Photographs,

Home Adornments,

Fine Mantels,

Rich Engravings,

Hotel Accommodations in Philadelphia and on the Sea Shore.

About 5 tons of first class Fertilizers.

Washing Machines,

Clothes Wringers,

Corn Planters,

Bee Smokers,

Daisy Cultivators,

Daisy Seed Drills,

Nursery Stock, Daisy Garden Plow, etc., etc.

We Place the List Prices on Organs and Sewing Machines, but we can supply them even below the best discounts of manufacturers' agents—away down.

MABLEY & CAREW

MARYLAND'S LEADING CLOTHIERS

Have now on hand the largest and best-selected stock of **Men's** and **Youth's** and **Children's Clothing** ever offered in this market; and at prices that are fully 25 per cent below prevailing prices.

A SPECIAL DRIVE

this week is an enormous quantity of fine tailor-made suits in sacks and cutaways, for business and for dress, for **Fifteen Dollars**; and for children—choice of an immensely beautiful line of the newest outfits for **five dollars**. The gentlemen's suits are worth all of \$20 to \$25, and the children's have been selling for \$6, \$7½ and \$8.

A COMPLETE LINE
of the most novel things
in furnishing goods at
the very lowest
prices.

Mabley & Carew

MARYLAND'S LEADING CLOTHIERS.